

32" Class (31-1/2" Diagonal) LCD Monitor With integrated USB Presentation Viewer



The Sharp PN-T321 Professional LCD Monitor with 32" class (31-1/2" diagonal) screen size offers exceptional performance in a compact package. Its LED backlight helps ensure reliable performance along with reduced power consumption and cabinet thickness. And, with its "PC-Free" capability, a USB thumb drive can be inserted into the display for automatic slide show playback of still images along with audio track. This enables use of the PN-T321 as a stand-alone basic digital signage system in corporate lobbies, hotel and conference facilities, waiting rooms, retail stores and museums. The ENERGY STAR® qualified PN-T321 additionally is fully compatible with SDSS™ Sharp Digital Signage Software, 24/7 certified and backed by a 3-year on-site limited warranty (covering parts, labor and backlight).

Key Features Include:

32" Class (31-1/2" diagonal) High Aperture TFT LCD with 1366 x 768 high definition resolution achieves high brightness of up to 420 cd/m² with wide viewing angles (176° x 176°).

Rugged Yet Attractive Design with fanless architecture offers reliable performance even in 24/7 applications.

LED Backlight helps ensure reliable performance with thin and lightweight profile and low power consumption. Compared to earlier models, power consumption is reduced by approximately 37%, cabinet thickness by approximately 60%, and weight is reduced by approximately 40%.

Built-in 8 W/Channel Audio Amplifier with built-in speakers.

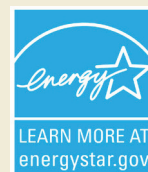
Built-In Slide Show Function with automatic playback and selectable image transitions. By inserting a USB thumb drive with compatible still images and audio, the display can be used as a basic stand-alone digital signage system.

Wide Complement of Input Terminals. Inputs include Analog RGB, DVI-D (HDCP compliant), HDMI® (HDCP compliant), Component Video, Composite Video and two Stereo Audio inputs, RS-232C input and USB slot for PC-free playback from USB thumb drive of slide show (.jpg or .png) and audio (mp3 or wma) presentations. Stereo audio line-out is also provided.

Compatible with SDSS™ Sharp Digital Signage Software.

Supports VESA DDC-2B (Display Data Channel) Standard for plug and play between compatible monitors and computers. Additionally conforms to VESA DPMS and DVI DPM power management standards.

3-Year On-Site Parts, Labor, Backlight Limited Warranty (in both landscape and portrait modes).



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Model Name	PN-T321
Screen Size / Resolution	32" Class (31-1/2" Diagonal) / 1366 x 768
Maximum Colors	16.77 million
Dot Pitch / Response Time	0.511mm x 0.511mm / 6.5ms (gray to gray, avg.)
Brightness / Contrast Ratio	420 cd/m ² max / 2500:1
Viewing Angle	Horizontal: 176° / Vertical: 176° (CR>= 10)
Screen Active Area	27-7/16" x 15-7/16" (697.7mm x 392.3mm)
Input Terminals	Analog PC (D-SUB), DVI-D (HDCP compliant, PC/AV signal), HDMI® (HDCP compliant, PC/AV signal), composite video and stereo audio (RCA video and RCA L/R audio with included interface cable), component video (with included interface cable), stereo audio (3.5mm stereo mini jack), RS-232C, USB slot for PC-free playback from thumb drive of slide show (jpg or png) and audio (mp3 or wma) presentations.
Output Terminal	3.5 mm Stereo Audio (3.5 mm mini stereo jack) - selectable variable or fixed line-output
Functions	Screen Adjustment: Auto (clock, phase, H-POS / V-POS) / Manual; Digital Scaling (expansion): VGA/SVGA/etc. to 1366 x 768; Digital Scaling (compression): 1280 x 1024 (SXGA), 1600 x 1200 (UXGA). Main User Adjustments: clock, phase, H-POS/V-POS, black level, contrast, color temperature (three steps preset plus user setting), color mode (standard/RGB/vivid), brightness, audio volume, audio (treble/bass/balance), picture adjustment (tint, colors, sharpness, noise reduction), information (model number, serial number, etc.), all reset, adjustment lock (including power button), power LED turn-off function, temperature control, monitor control software support, main function control by RS-232C, PC signal power management, USB slide show function.
Remote Control Unit Functions (RF)	Power on/off, mute, volume +/-, brightness +/-, display (OSD), color mode, input select, menu, screen size
Integrated Audio System	8W + 8W (stereo) with rear-mounted speakers
Front Operation Buttons	Power on/off and input select
Mounting Configuration	VESA (4-points), 200mm (7-7/8") pitch
Portrait and Landscape Compatible	Yes (counterclockwise installation for portrait/vertical installation)
Tilt Angle	+/- 20°
Fanless Architecture	Yes
Power Supply	100-240V AC, 50/60Hz, 82W power consumption, 0.9W standby power consumption
Environmental Conditions	Operating Temperature: 32° F to 104°F (0°C to 40°C) Operating Humidity: 20% to 80% (no condensation)
Dimensions (display only)	30-1/4" (W) x 1-15/16" (D) x 18-5/32" (H) (769mm x 49.1mm x 461mm)
Weight	17.2 lbs. (7.8 kg)
Packing Dimensions	34-51/64" x 6-11/16" x 22-3/4" (884mm x 170mm x 578 x 170mm)
Packing Weight	22.0 lbs (10.0kg)
Included Accessories	Remote control unit (battery preinstalled), cable clamp, AC power cord (approx. 13'), component video interface cable, stereo audio / video interface cable, CD-ROM utility disc (for Windows), setup manual, stickers (operation panel, blank, Sharp logo), USB memory cover with cover screw.
Limited Warranty	Three Years covering parts, labor and backlight in both landscape and portrait modes. For complete details, please see warranty statement included with the product or available as a PDF download at www.sharppusa.com
UPC	074000047105

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